Results of Testing

Chemical Name	CAS No.	Study Code/Type	Protocol/Guideline	Species	Exposure	Dose/Concentration	No. per Group	Results	Reference
2-Phenoxyethanol	122-99-6	HEATOX Acute dermal toxicity (Voluntary test)	Non-TSCA Protocol/ Guideline	rabbits	dermal; days 6-18 of gestation	0, 300, 600, 1000 mg/kg/d	9 pregnant females	Slight loss of body weight was seen in the 1000 mg/kg/day group. Gross pathological observations revealed no treatment-related effects.	49 FR 30114; 7/26/84 OTS0507491
2-Phenoxyethanol	122-99-6	HEDSEN Repeated insult patch test (Voluntary test)	Non-TSCA Protocol/ Guideline	human	dermal, occlusive patch; induction period of 24 hr/application; 3x/wk; 3 wks followed by a 10 to 15-day rest period, then by one 24-hr challenge application	0.3 ml of a 10% (v/v) solution in mineral oil	51 (completed study)	No evidence of cumulative irritation or delayed contact sensitization was observed.	52 FR 27452; 7/21/87 OTS0531472
2-Phenoxyethanol	122-99-6	HEGTOXMUTA Forward mutation assay (Voluntary test)	Non-TSCA Protocol/ Guideline	Chinese hamster ovary (CHO) cells	*in vitro*	62.6, 125, 250, 500.0, 1000, 2500, 5000 ∶g/L	Not applicable	No significant increases in mutation frequencies were noted in the presence or absence of exogenous metabolic activation.	52 FR 39560; 10/22/87 OTS0531473
2-Phenoxyethanol	122-99-6	HERTOXTERA Developmental toxicity definitive study (Voluntary test)	Non-TSCA Protocol/ Guideline	rabbits	dermal, under occlusion; gestation days 6 through 18	300, 600, 1000 mg/kg/d	10 females	Nine high-dose and 5 mid-dose rabbits died or were sacrificed in extremis following 5 to 13 applications. Most exhibited hemoglobinuria, pale livers, dark kidneys, and dark urine in the bladder. No information was provided regarding embryotoxicity in the surviving dam.	50 FR 31919; 8/07/85 OTS0531469
2-Phenoxyethanol	122-99-6	HERTOXTERA Developmental toxicity definitive study (Voluntary test)	Non-TSCA Protocol/ Guideline	rabbits	dermal under occlusion; gestation days 6 through 18	300, 600, 1000 mg/kg/d	25 females	Maternal toxicity (death of 9 and 5, respectively) was seen at high- and mid-dose. These animals had dark urine, were jaundiced, and exhibited dark kidneys. Stomach lesions were also seen in these animals. Surviving dams at these dose levels and at 300 mg/kg/day showed no evidence of treatment-related effects. No evidence of embryotoxicity, fetotoxicity, or teratogenicity was noted at any dose level.	52 FR 2152; 1/20/87 OTS0531468
2-Phenoxyethanol	122-99-6	HERTOXTERA Developmental toxicity probe study (Voluntary test)	Non-TSCA Protocol/ Guideline	rabbits	dermal, under occlusion; gestation days 6 through 18	300, 600, 1000 mg/kg/d	10 females	Maternal toxicity (weight loss) was noted in the high-dose group. No evidence of embryotoxicity was seen at any level.	49 FR 30114; 7/26/84 OTS0531469
2-Phenoxyethanol	122-99-6	HESTOX Oral hemolytic anemia (Voluntary test)	Non-TSCA Protocol/ Guideline	rabbits	oral gavage; up to 11 days	100, 300, 600, 1000 mg/kg/d	3 females	Dose-related intravascular hemolytic anemia was noted (decreased RBC count, packed cell volume, and hemoglobin; hemoglobinuria; splenic congestion; renal tubule damage; and regenerative erythroid response in bone marrow and spleen).	52 FR 2152; 1/20/87 OTS0531470

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2-Phenoxyethanol [122-99-6]

Chemical Name	CAS No.	Study Code/Type	Protocol/Guideline	Species	Exposure	Dose/Concentration	No. per Group	Results	Reference
2-Phenoxyethanol	122-99-6	HESTOX Subchronic dermal study (Voluntary test)	Non-TSCA Protocol/ Guideline	rabbits	dermal; 6 hr/d, 5 d/wk, 13 wks	50, 150, 500 mg/kg/d	10/sex	No mortalities occurred; no signs of systemic toxicity were noted. Sporadic occurrences of dermal erythema and very slight scaling were seen in the high-dose group. The NOEL (systemic toxicity) was 500 mg/kg/day.	52 FR 2152; 1/20/87 OTS0531471
2-Phenoxyethanol	122-99-6	HESTOX Oral hemolytic anemia (Voluntary test)	Non-TSCA Protocol/ Guideline	rats	oral gavage; up to 14 days	1250, 2500 mg/kg/d	3 females	No overt signs of hemolysis were noted. A decrease in packed cell volume was seen in one low-dose rat. Signs of toxicity included lethargy and ataxia (low-dose), and loss of consciousness (high-dose).	52 FR 2152; 1/20/87 OTS0531470